

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

ATTENTION: APPLICATION BRANCH

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): **Norman J. Beamish and John S. Walley**

For: **FREQUENCY HOPPING SPREAD SPECTRUM MODULATION AND DIRECT SEQUENCE  
SPREAD SPECTRUM MODULATION CORDLESS TELEPHONE**

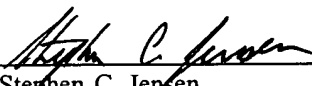
Enclosed are:

- (X) Six (6) sheets of informal drawings.
- (X) Recordation form cover sheet with 2-page assignment.
- (X) Initial signed declaration by inventors.
- (X) Return prepaid postcard.

**CLAIMS AS FILED**

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$790	\$790
Total Claims	19 - 20 =	0 x	\$22	\$0
Independent Claims	3 - 3 =	0 x	\$82	\$0
<b>TOTAL FILING FEE</b>				<b>\$790</b>

- (X) A check in the amount of \$790 to cover the filing fee is enclosed.
- (X) A check in the amount of \$40 to cover the assignment recording fee.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 11-1410. A duplicate copy of this sheet is enclosed.
- (X) Please use Customer No. 20,995 for the correspondence address.

  
Stephen C. Jensen  
Registration No. 35,556  
Attorney of Record

INTELLECTUAL PROPERTY LAW  
**KNOBBE, MARTENS, OLSON & BEAR**

A LIMITED LIABILITY PARTNERSHIP INCLUDING  
PROFESSIONAL CORPORATIONS

**PATENT, TRADEMARK AND COPYRIGHT CAUSES**

620 NEWPORT CENTER DRIVE

SIXTEENTH FLOOR

NEWPORT BEACH, CALIFORNIA 92660-8016

(949) 760-0404

FAX (949) 760-9502

INTERNET: WWW.KMOB.COM

LOUIS J. KNOBBE\*  
DON W. MARTENS\*  
GORDON H. OLSON\*\*  
JAMES B. BEAR  
DARRELL L. OLSON\*  
WILLIAM B. BUNKER  
WILLIAM H. NIEMAN  
LOWELL ANDERSON  
ARTHUR S. ROSE†  
JAMES F. LESNIAK  
NED A. ISRAELSEN  
DREW S. HAMILTON  
JERRY T. SEWELL  
JOHN B. SGANGA, JR.  
EDWARD A. SCHLATTER  
GERARD VON HOFFMANN  
JOSEPH R. RE  
CATHERINE J. HOLLAND  
JOHN M. CARSON  
KAREN VOGEL WEIL†  
ANDREW H. SIMPSON  
JEFFREY L. VAN HOOSEAR  
DANIEL E. ALTMAN  
ERNEST A. BEUTLER  
MARGUERITE L. GUNN  
STEPHEN C. JENSEN  
VITO A. CANUSO III

WILLIAM H. SHREVE  
LYNDA J. ZADRA-SYMES\*\*  
STEVEN J. NATAUPSKY  
PAUL A. STEWART  
JOSEPH F. JENNINGS  
CRAIG S. SUMMERS  
ANNEMARIE KAISER  
BRENTON R. BABCOCK†  
THOMAS F. SMEGAL, JR.  
MICHAEL H. TRENHOLM  
DIANE M. REED  
JONATHAN A. BARNEY  
RONALD J. SCHOENBAUM  
JOHN R. KING  
FREDERICK S. BERRETTA  
NANCY WAYS VENSKE  
RICHARD C. GILMORE  
JOHN P. GIEZENTANNER  
ADEEL S. AKHTAR  
THOMAS R. ARNO  
DAVID N. WEISS  
DANIEL HART  
JAMES T. MAGLER  
DOUGLAS G. MUEHLHAUSER  
LORI L. YAMATO  
STEPHEN M. LOBBIN  
RICHARD C. KIM

ANN A. BYUN  
ROBERT F. GAZDZINSKI  
FRED C. HERNANDEZ  
STACEY R. HALPERN†  
MICHAEL K. FRIEDLAND  
DALE C. HUNT  
LEE W. HENDERSON  
DEBORAH S. SHEPHERD  
RICHARD E. CAMPBELL  
MARK M. ABUMERI  
JON W. GURKA  
KATHERINE W. WHITE  
JOSEPH J. BASISTA  
ERIC M. NELSON  
ALEXANDER C. CHEN  
MARK R. BENEDICT  
PAUL N. CONOVER  
MICHAEL T. CRUZ  
JOHN P. MUSONE  
ROBERT J. ROBY  
SABING H. LEE  
JENNY G. KO  
KAROLINE A. DELANEY  
JOHN W. HOLCOWB  
JAMES J. MULLEN, III

OF COUNSEL  
JERRY R. SEILER  
JAPANESE PATENT ATTY  
KATSUHIRO ARAI  
EUROPEAN PATENT ATTY  
MARTIN HELLEBRANDT  
KOREAN PATENT ATTY  
MINCHEOL KIM  
CHINESE PATENT ATTY  
JIAWEI HUANG  
SCIENTISTS & ENGINEERS  
(NON-LAWYERS)  
RAIMOND J. SALENIEKS\*\*  
RENEE E. CANUSO\*\*  
MICHAEL L. FULLER\*\*  
NEIL S. BARTFELD\*\*  
MICHAEL J. GILLY  
DANIEL E. JOHNSON\*\*  
JEFFERY KOEPKE  
KHURRAM RAHMAN

Assistant Commissioner for Patents  
Washington, D.C. 20231

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

Attorney Docket No. : ROKWELL.039A/98RSS121  
Applicant(s) : Beamish et al.  
For : FREQUENCY HOPPING SPREAD  
SPECTRUM MODULATION AND DIRECT SEQUENCE SPREAD  
SPECTRUM MODULATION CORDLESS TELEPHONE  
Attorney : Stephen C. Jensen  
"Express Mail"  
Mailing Label No. : EL 036 226 893  
Date of Deposit : August 20, 1998

I hereby certify that the accompanying

Transmittal in Duplicate; Specification in 17 pages; 6 sheets of drawings;  
**SIGNED** Declaration by Inventor in 2 pages; Recordation Form Cover Sheet  
and Assignment in 3 pages; Checks for Filing Fees; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Donald King

SCJ-7656:vm  
081998

275 BATTERY STREET  
SUITE 1840  
SAN FRANCISCO, CALIFORNIA 94111  
(415) 954-4114  
FAX (415) 954-4111

501 WEST BROADWAY  
SUITE 1400  
SAN DIEGO, CALIFORNIA 92101  
(619) 235-8550  
FAX (619) 235-0176

3801 UNIVERSITY AVENUE  
SUITE 710  
RIVERSIDE, CALIFORNIA 92501  
(909) 781-9231  
FAX (909) 781-4507

\* A PROFESSIONAL CORPORATION  
† ALSO MEMBER OF D.C. BAR  
\*\* ALSO BARRISTER AT LAW (U.K.)  
\*\*\* U.S. PATENT AGENT